

Hollinger Public Blast Report

Blast Pattern: 3352_099
Date: 29-Jan-18
Blast Time: 11:56
Blast Sign Activation: 8:15
Website Notification Time: 7:50

Blast Conditions

Ceiling Height: 1200 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: NE
Temperature: -18.4 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	51.8 LAeq	96.9 dB
Edwards:	42.2 LAeq	92.5 dB
Fred:	40.2 LAeq	99.1 dB
Hollinger Office:	54.7 LAeq	105.3 dB
Noah:	59.6 LAeq	104.0 dB
Sandy:	39.9 LAeq	108.1 dB
Water Tower:	46.4 LAeq	116.7 dB
Wilson:	49.4 LAeq	106.1 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.5	4.9	1.8	2.4
Edwards:	2.1	4.6	2.0	3.2
Hollinger Office:	4.5	6.8	5.5	6.0
Sandy:	8.1	14.9	8.5	15.7

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.7	1.1
Edwards:	1.7	2.0
Hollinger Office:	7.2	10.9
Sandy:	10.1	28.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.5	0.7
Hollinger West:	0.5	0.3	0.3
Imerys:	0.9	1.2	0.7
Noah:	0.7	1.0	0.8
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.6	0.4	0.7
Water Tower:	0.6	0.7	0.6
Wilson:	1.1	1.0	1.1